

Deployment, Installation, Back-Out, and Roll Back Guide

Pharmacy Copay

Initial Release IB*2*676



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Department of Veterans Affairs

Office of Information and Technology (OI&T)

Revision History

Date	Version	Description	Author
08/10/2021	1.1	Updated with final information from IB*2*676 Patch Description v20	Cerner Team
03/16/2020	1.0	Initial Version	Cerner Team

Artifact Rationale

This document describes the *Deployment, Installation, Back-out, and Roll Back Plan* for new products going into the VA Enterprise. The plan includes information about system support, issue tracking, escalation processes, and roles and responsibilities involved in all those activities. Its purpose is to provide clients, stakeholders, and support personnel with a smooth transition to the new product or software, and should be structured appropriately, to reflect particulars of these procedures at a single or at multiple locations.

Per the Veteran-focused Integrated Process (VIP) Guide, the Deployment, Installation, Back-out, and Roll Back Plan is required to be completed prior to Critical Decision Point #2 (CD #2), with the expectation that it will be updated throughout the lifecycle of the project for each build, as needed.

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1 Introduction

This document describes the practices and procedures to deploy and install IB*2*676 VistA Integrated Billing's Pharmacy Copay initiative artifacts.

1.1 Purpose

The purpose of this plan is to provide a single, common document that describes how, when and where the IB*2*676 VistA Integrated Billing's Pharmacy Copay initiative artifacts will be deployed and installed, as well as to back out and roll back, if necessary. The plan also identifies resources, communications plan, and rollout schedule. This document contains and defines the detailed repeatable deployment approach, management processes, schedule, readiness activities, resources, and assessment methods applied to ensure the successful deployment of the solution in VistA Integrated Billing. The *Deployment, Installation, Back-out, and Roll Back Plan* also identifies key assumptions, risks, and associated documents and processes that are relevant to the deployment of the IB*2*676 solution into full-production use in VistA Integrated Billing.

1.2 Dependencies

Associated patches:

(v)IB*2*563 <=< must be installed BEFORE `IB*2*676`

(v)IB*2*637 <=< must be installed BEFORE `IB*2*676`

(v)IB*2*645 <=< must be installed BEFORE `IB*2*676`

1.3 Constraints

There are no constraints for this deployment.

2 Roles and Responsibilities

The key organization responsible for a deployment is the VA VistA Integrated Billing team.

Table 1 provides a list of primary contact names, emails, and phone numbers.

Table 1: Primary Points of Contact (PoC)

Name	Organization	Title	Office Phone	Email
Will Pijai	Cerner	Project Manager	571-205-9570	c_pijai.william@cerner.com
Kim Giefer	Cerner	Product Owner	816-201-2116	kim.giefer@cerner.com
Kendra Harris	VA	ATT PM	202-460-0248	Kendra.Harris4@va.gov

Table 2, provides a listing and description of the detailed roles and responsibilities as it relates to the deployment of the Pharmacy Copay solution.

Table 2: Deployment Roles and Responsibilities

Role	Responsibilities	Organization
Program Executive	<ul style="list-style-type: none"> Implements deployment decisions made and ensure achievement of critical deployment milestones Ensure achievement of all critical milestones for each deployment Provide strategic guidance, timely decision-making for each deployment Participate in deployment management meetings 	Enterprise Portfolio Management Division (EPMD) Office of Information Technology (OIT)
Project Manager / Program Management Office (PMO)	<ul style="list-style-type: none"> Document comprehensive technical and functional deployment tasks Ensure operational execution of all technical and functional implementation activities Manage scope, deployment IMS schedule, budget, resources and risks Participate in deployment management meetings 	Enterprise Portfolio Management Division (EPMD) Office of Information Technology (OIT)
Security Integrated Project Team (IPT)	<ul style="list-style-type: none"> Ensure adherence to all applicable security protocols and guidelines (NIST, etc.) Maintain security of Personally Identifiable Information (PII) throughout all project phases Be available to mitigate risks to deployment through decision-making, communication, meetings/briefings or on-site presence for security related issues 	VA Regional Data Centers
Transition Points of Contact (Transition POCs)	<ul style="list-style-type: none"> Ensure completion of technical and functional preparedness (i.e., complete and sign-off on site readiness checklist items) Conduct user familiarization informational sessions (i.e., deliver talking points, solicit feedback) Convey and communicate success, project benefits and be a visible supporter of the project 	Enterprise Portfolio Management Division (EPMD) Office of Information Technology (OIT)

3 Deployment

The Pharmacy Copay initiative shares Outpatient Pharmacy copayment transaction information between Cerner and VistA systems.

3.1 Timeline

The planned production release will be the first release.

3.2 Site Readiness Assessment

Not applicable.

3.2.1 Deployment Topology (Targeted Architecture)

Not applicable.

3.2.2 Site Information (Locations, Deployment Recipients)

VistA - Integrated Billing – all VistA instances at Regional Data Centers

3.2.3 Site Preparation

The following table describes preparation required by the site prior to deployment.

Table 3: Site Preparation

Site/Other	Problem/Change Needed	Features to Adapt/Modify to New Product	Actions/Steps	Owner
N/A	N/A	N/A	N/A	N/A

3.3 Resources

VA Regional Data Centers provides hardware and software per VA templates, and software licenses are tracked by the VA.

3.3.1 Facility Specifics

The following table lists facility-specific features required for deployment. This section is not applicable to the Pharmacy Copay.

Table 4: Facility-Specific Features

Site	Space/Room	Features Needed	Other
N/A			

3.3.2 Hardware

Additional hardware is not needed to migrate enhancements.

Table 5: Hardware Specifications

Required Hardware	Model	Version	Configuration	Manufacturer	Other
N/A					

Refer to Table 2 Roles and Responsibilities for details about who is responsible for preparing the site to meet these hardware specifications.

3.3.3 Software

The following table describes software specifications required for deployment.

Table 6: Software Specifications

Required Software	Make	Version	Configuration	Manufacturer	Other
			n/a	n/a	

Refer to Table 2 Roles and Responsibilities for details about who is responsible for preparing the site to meet these software specifications.

3.3.4 Communications

The VA OEHRM provides all communications to the user community of implementation or system changes.

4 Installation

4.1 Pre-installation and System Requirements

This patch may be installed with users on the system although it is recommended that it be installed during non-peak hours to minimize potential disruption to users. This patch should take less than 5 minutes to install. There are no pre-install instructions for HL7.

4.2 Platform Installation and Preparation

Existing infrastructure will be used to support the VistA Patch IB*2.0*676 installation.

4.3 Software and Documentation Retrieval Instructions

The software for this patch is being released in a PackMan message.

Documentation describing the new functionality is included in this release. Documentation can be found on the VA Software Documentation Library at: <https://www.va.gov/vdl/>. Documentation can also be obtained at <https://download.vista.med.va.gov/index.html/SOFTWARE>, and </srv/vista/patches/SOFTWARE> in binary format.

Documentation Title	File Name

IB*2*676 Deployment, Installation, Back-Out, IB_2_0_P676_DIBR.PDF
and Rollback Guide

IB*2*676 Integrated Billing Version 2 IB_2_0_P676_TM.PDF
Technical Manual

IB*2*676 Integrated Billing Version 2 IB_2_0_P676_UM.PDF
User Manual

4.4 Database Creation

No new databases will be created for this initiative.

4.5 Cron Scripts

Cron Scripts are not applicable during this upgrade.

4.6 Access Requirements and Skills Needed for the Installation

No new access requirements and Skills are needed for the installation.

4.7 Installation Procedure

1. Choose the PackMan message containing this patch.
 2. Choose the INSTALL/CHECK MESSAGE PackMan option.
 3. From the Kernel Installation and Distribution System Menu, select the Installation Menu. From this menu, you may elect to use the following options. When prompted for the INSTALL NAME enter the patch IB*2.0*676.
 - a. Backup a Transport Global - This option will create a backup message of any routines exported with this patch. It will not backup any other changes such as DDs or templates.
 - b. Compare Transport Global to Current System - This option will allow you to view all changes that will be made when this patch is installed. It compares all components of this patch (routines, DDs, templates, etc.).
 - c. Verify Checksums in Transport Global - This option will allow you to ensure the integrity of the routines that are in the transport global.
 4. From the Installation Menu, select the Install Package(s) option and choose the patch to install.
 5. If prompted Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO// answer NO
 6. If prompted Want KIDS to INHIBIT LOGONs during the install? NO// answer NO
 7. If prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// answer No
 8. If prompted Delay Install (Minutes): (0 60): 0// respond 0.
1. Choose the PackMan message containing this patch.
 2. Choose the INSTALL/CHECK MESSAGE PackMan option.
 3. From the Kernel Installation & Distribution System menu, select the Installation menu. From this menu,

- a. Select the Verify Checksums in Transport Global option to confirm the integrity of the routines that are in the transport global. When prompted for the INSTALL NAME enter the patch or build name IB*2.0*676.
- b. Select the Backup a Transport Global option to create a backup message. You must use this option and specify what to backup; the entire Build or just Routines. The backup message can be used to restore the routines and components of the build to the pre-patch condition.
 - i. At the Installation option menu, select Backup a Transport Global
 - ii. At the Select INSTALL NAME prompt, enter your build IB*2.0*676
 - iii. When prompted for the following, enter "R" for Routines or "B" for Build.

Select one of the following:

B	Build
R	Routines

Enter response: Routines

- c. You may also elect to use the following options:
 - i. Print Transport Global - This option will allow you to view the components of the KIDS build.
 - ii. Compare Transport Global to Current System - This option will allow you to view all changes that will be made when this patch is installed. It compares all of the components of this patch, such as routines, DDs, templates, etc.
4. From the Installation Menu, select the Install Package(s) option and choose the patch to install.
5. If prompted Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO// answer NO
6. If prompted Want KIDS to INHIBIT LOGONs during the install? NO// answer NO
7. If prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// answer No
8. If prompted Delay Install (Minutes): (0 60): 0// respond 0.

4.8 Post-Installation Instructions

In order for the new Logical links to function properly the appropriate DNS and Port number will need to be manually entered for each site. The link should also be set to AUTOSTART in order to ensure the link is restarted when the system restarts.

Use FILEMAN to edit the HL LOGICAL LINK file:

Edit the following fields:

DNS DOMAIN

AUTOSTART

TCP/IP PORT (OPTIMIZED)

Select HL LOGICAL LINK NODE: IBARXCVDF

NODE: IBARXCVDF//

DNS DOMAIN: <Enter Site's DNS from list below> Replace

AUTOSTART: Enabled <Enter 1 to enable>

TCP/IP PORT (OPTIMIZED): <Enter Site's Port number from list below>

WARNING

It is essential that when entering DNS or Port information you do NOT include trailing spaces. Cut and pasting of information can include a trailing or preceding space. This will cause the Logical Link to fail when connecting.

You will need to input the DNS domain and Port number for the site being installed from the following list:

"Station ID"	Facility Name	DNS domain	Port
358	Manila, PI (358) VHA	hc-vdif-r01-01.va.gov	7200
436	Montana HCS (436) VHA (Fort Harrison)	hc-vdif-r01-02.va.gov	7200
442	Cheyenne, WY (442) VHA	hc-vdif-r01-02.va.gov	7201
459	"Honolulu, HI (459) VHA (SPARK M. MATSUNAGA VAMC) - GUAM VA CBOC (459GE) - AMERICAN SAMOA VA CLINIC (459GF) - SAIPAN VA CLINIC (459GH)"	hc-vdif-r01-01.va.gov	7201
501	Albuquerque, NM (501) VHA	hc-vdif-r01-02.va.gov	7202
463	Anchorage, AK (463) VHA	hc-vdif-r01-01.va.gov	7202
504	Amarillo, TX (504) VHA	hc-vdif-r01-01.va.gov	7203
554	EASTERN COLORADO HCS (Denver) CO (554) VHA	hc-vdif-r01-02.va.gov	7203
519	Big Spring, TX (519) VHA	hc-vdif-r01-01.va.gov	7204
575	Grand Junction, CO (575) VHA	hc-vdif-r01-02.va.gov	7204
531	Boise, ID (531) VHA	hc-vdif-r01-01.va.gov	7205
593	LAS VEGAS, NV - Southern Nevada HCS (593) VHA	hc-vdif-r01-02.va.gov	7205
570	Fresno, CA (570) VHA	hc-vdif-r01-01.va.gov	7206
600	Long Beach, CA (600) VHA	hc-vdif-r01-02.va.gov	7206
605	Loma Linda CA (605) VHA	hc-vdif-r01-02.va.gov	7207

612	"Northern California HCS (612) VHA (Parent) - SACRAMENTO VA MEDICAL CENTER (612A4)"	hc-vdif-r01-01.va.gov 7207
640	"Palo AltoVAMC (640) VHA (Parent) - PALO ALTO VAMC-LIVERMORE (640A4) - VADOM MENLO PARK (640BU)"	hc-vdif-r01-01.va.gov 7208
644	Phoenix, AZ (644) VHA	hc-vdif-r01-02.va.gov 7208
648	"Portland VAMC OR (648) VHA (Parent) - VANCOUVER, WA DIV PORTLAND VAMC (648A4)"	hc-vdif-r01-01.va.gov 7209
649	Prescott, AZ (649) VHA	hc-vdif-r01-02.va.gov 7209
653	Roseburg, OR (653) VHA	hc-vdif-r01-01.va.gov 7210
660	Salt Lake City, UT (660) VHA	hc-vdif-r01-02.va.gov 7210
654	RENO, NV (Sierra Nevada HCS) (654) VHA	hc-vdif-r01-01.va.gov 7211
662	San Francisco, CA (662) VHA	hc-vdif-r01-02.va.gov 7211
663	"Puget Sound HCS (Seattle VAMC) (663) VHA (Parent) - AMERICAN LAKE (VAMC) (663A4)"	hc-vdif-r01-01.va.gov 7212
664	San Diego, CA (664) VHA	hc-vdif-r01-02.va.gov 7212
666	Sheridan, WY (666) VHA	hc-vdif-r01-02.va.gov 7213
668	Spokane, WA (668) VHA	hc-vdif-r01-01.va.gov 7213
678	Tucson, AZ (678) VHA	hc-vdif-r01-02.va.gov 7214
687	Walla Walla, WA (687) VHA	hc-vdif-r01-01.va.gov 7214
756	El Paso, TX (756) VHA	hc-vdif-r01-02.va.gov 7215
691	VA GREATER LOS ANGELES HCS (691) VHA	hc-vdif-r01-01.va.gov 7215
692	White City, OR (692) VHA	hc-vdif-r01-01.va.gov 7216
437	Fargo, ND (437) VHA	hc-vdif-r02-01.va.gov 7200
438	Sioux Falls, SD (438) VHA	hc-vdif-r02-01.va.gov 7201
502	Alexandria, LA (502) VHA	hc-vdif-r02-01.va.gov 7202
520	BILOXI, MS (C) (Gulf Coast, HCS), MS (520) VHA	hc-vdif-r02-01.va.gov 7203
537	Chicago HCS (537) VHA	hc-vdif-r02-01.va.gov 7204

549	"North Texas HCS - Dallas VAMC (549) VHA (Parent) - SAM RAYBURN MEM VET CENTER (549A4)"	hc-vdif-r02-01.va.gov 7205
556	North Chicago, IL (556) VHA	hc-vdif-r02-01.va.gov 7206
564	Fayetteville, AR (564) VHA	hc-vdif-r02-01.va.gov 7207
568	"BLACK HILLS HCS - SD-Fort Mead (568) (Parent) - Hot Springs (568A4) VHA"	hc-vdif-r02-01.va.gov 7208
578	Hines, IL (578) VHA	hc-vdif-r02-01.va.gov 7209
580	Houston, TX (580) VHA	hc-vdif-r02-01.va.gov 7210
585	Iron Mountain, MI (585) VHA	hc-vdif-r02-01.va.gov 7211
586	Jackson, MS (586) VHA	hc-vdif-r02-01.va.gov 7212
589	"HEARTLAND-WEST HCS Kansas City, MO (589) VHA - Eastern Kansas, KS VHA (Sub Parent) - Topeka (589A5) VHA - Leavenworth (589A6) VHA - Columbia, MO (589A4) VHA - Wichita, KS (589A7) VHA"	hc-vdif-r02-01.va.gov 7213
598	"Little Rock, AR (598) VHA (Parent) - NORTH LITTLE ROCK, AR VANPH (598A0)"	hc-vdif-r02-01.va.gov 7214
607	Madison, WI (607) VHA	hc-vdif-r02-01.va.gov 7215
618	Minneapolis, MN (618) VHA	hc-vdif-r02-01.va.gov 7216
623	Muskogee, OK (623) VHA	hc-vdif-r02-01.va.gov 7217
629	New Orleans, LA (629) VHA	hc-vdif-r02-01.va.gov 7218
635	Oklahoma City, OK (635) VHA	hc-vdif-r02-01.va.gov 7219
636	"CENTRAL PLAINS HCS - Nebraska-Western Iowa HCS NE Omaha (636) - Grand Island (636A4) - Lincoln (636A5)	

	- Central Iowa HCS, IA (Des Moines VHA (636A6))	
	- Iowa City, IA VHA (636A8)"	hc-vdif-r02-01.va.gov 7220
656	St. Cloud, MN (656) VHA	hc-vdif-r02-01.va.gov 7221
657	"HEARTLAND-EAST HCS St. Louis, MO JCocharn (657)	
	- Jbarracks (657A0)	
	- Poplar Bluff, MO (657A4) VHA	
	- Marion, IL (657A5) VHA"	hc-vdif-r02-01.va.gov 7222
667	Shreveport, LA (667) VHA	hc-vdif-r02-01.va.gov 7223
671	"South Texas HCS - San Antonio	
	(AUDIE L. MURPHY MEMORIAL HOSP) (671) VHA	
	- KERRVILLE VA MEDICAL CENTER (671A4)"	hc-vdif-r02-01.va.gov 7224
674	"Central Texas HCS	
	-Temple (674) VHA OLIN E. TEAGUE VET CENTER	
	- DORIS MILLER VAMC (Waco) (674A4)"	hc-vdif-r02-01.va.gov 7225
676	Tomah, WI (676) VHA	hc-vdif-r02-01.va.gov 7226
695	Milwaukee, WI (695) VHA	hc-vdif-r02-01.va.gov 7228
740	Texas Valley Costal Bend (740) HCS	hc-vdif-r02-01.va.gov 7229
506	Ann Arbor, MI (506) VHA	hc-vdif-r03-01.va.gov 7200
508	Atlanta, GA (508) VHA	hc-vdif-r03-01.va.gov 7201
509	Augusta, GA (509) VHA	hc-vdif-r03-01.va.gov 7202
515	Battle Creek, MI (515) VHA	hc-vdif-r03-01.va.gov 7203
516	Bay Pines, FL (516) VHA	hc-vdif-r03-01.va.gov 7204
517	Beckley, WV (517) VHA	hc-vdif-r03-01.va.gov 7205
757	Columbus, OH (OPC) (757) VHA;	hc-vdif-r03-01.va.gov 7206
521	Birmingham, AL (521) VHA	hc-vdif-r03-01.va.gov 7207
534	Charleston SC (534) VHA	hc-vdif-r03-01.va.gov 7208
538	Chillicothe, OH (538) VHA	hc-vdif-r03-01.va.gov 7209
539	Cincinnati, OH (539) VHA	hc-vdif-r03-01.va.gov 7210

541	Cleveland, OH (541) VHA	hc-vdif-r03-01.va.gov 7211
544	Columbia, SC (544) VHA	hc-vdif-r03-01.va.gov 7212
546	Miami, FL (546) VHA	hc-vdif-r03-01.va.gov 7213
548	West Palm Beach, FL (548) VHA	hc-vdif-r03-01.va.gov 7214
550	Illiana - Danville, IL (550) VHA	hc-vdif-r03-01.va.gov 7215
552	Dayton, OH (552) VHA	hc-vdif-r03-01.va.gov 7216
553	Detroit, MI (553) VHA	hc-vdif-r03-01.va.gov 7217
557	Dublin, GA (557) VHA	hc-vdif-r03-01.va.gov 7218
558	Durham, NC (558) VHA	hc-vdif-r03-01.va.gov 7219
565	Fayetteville, NC (565) VHA	hc-vdif-r03-01.va.gov 7220
573	"No. FL/So. GA HCS (573) VHA (Parent) - LAKE CITY VA MEDICAL CENTER (573A4)"	hc-vdif-r03-01.va.gov 7221
581	Huntington WV (581) VHA	hc-vdif-r03-01.va.gov 7222
583	Indianapolis, IN (583) VHA	hc-vdif-r03-01.va.gov 7223
590	Hampton, VA (590) VHA	hc-vdif-r03-01.va.gov 7224
596	"Lexington, KY (596) VHA (Parent) - LEXINGTON-CDD VAMC (596A4)"	hc-vdif-r03-01.va.gov 7225
603	Louisville, KY (603) VHA	hc-vdif-r03-01.va.gov 7226
610	"Northern Indiana (610) VHA (Marion VAMC) (Parent) - FORT WAYNE VA MEDICAL CENTER (610A4)"	hc-vdif-r03-01.va.gov 7227
614	Memphis, TN (614) VHA	hc-vdif-r03-01.va.gov 7228
619	"Central Alabama HCS VHA (Parent) - TUSKEGEE VAMC (619A4)"	hc-vdif-r03-01.va.gov 7229
621	Mountain Home TN (621) VHA	hc-vdif-r03-01.va.gov 7230
626	"Tennessee Valley (626) HCS (Parent) - ALVIN C. YORK VAMC (Murfeesboro) (626A4)"	hc-vdif-r03-01.va.gov 7231
637	Asheville, NC (637) VHA	hc-vdif-r03-01.va.gov 7232

652	Richmond, VA (652) VHA	hc-vdif-r03-01.va.gov 7233
655	Saginaw, MI (655) VHA	hc-vdif-r03-01.va.gov 7234
658	Salem, VA (658) VHA	hc-vdif-r03-01.va.gov 7235
659	Salisbury, NC (659) VHA	hc-vdif-r03-01.va.gov 7236
672	"San Juan, PR (672) VHA (Parent) - PONCE OUTPATIENT CLINIC (672BO) - MAYAGUEZ OUTPATIENT CLINIC (672BZ)"	hc-vdif-r03-01.va.gov 7237
673	Tampa, FL (673) VHA	hc-vdif-r03-01.va.gov 7238
675	Orlando, FL (675) VHA	hc-vdif-r03-01.va.gov 7239
679	Tuscaloosa, AL (679) VHA	hc-vdif-r03-01.va.gov 7240
402	Togus, ME (402) VHA	hc-vdif-r04-02.va.gov 7200
460	Wilmington, DE (460) VHA	hc-vdif-r04-01.va.gov 7200
503	Altoona, PA (503) VHA	hc-vdif-r04-01.va.gov 7201
405	White River Junction, VT (405) VHA	hc-vdif-r04-02.va.gov 7201
518	Bedford, MA (518) VHA	hc-vdif-r04-02.va.gov 7202
512	"MARYLAND HCS - Baltimore, MD (512) (Parent) - PERRY POINT VAMC (512A5)"	hc-vdif-r04-01.va.gov 7202
523	"Boston HCS (523) VHA (Parent) - WEST ROXBURY VAMC (523A4) - BROCKTON VAMC (523A5)"	hc-vdif-r04-02.va.gov 7203
526	Bronx, NY (526) VHA	hc-vdif-r04-02.va.gov 7204
529	Butler, PA (529) VHA	hc-vdif-r04-01.va.gov 7204
540	Clarksburg, WV (540) VHA	hc-vdif-r04-01.va.gov 7205
528	"UPSTATE NEW YORK HCS (Buffalo, NY) (528) VHA (Parent Site) - Batavia, NY (528A4) - Canandaigua, NY (528A5) VHA - Bath, NY (528A6) VHA - Syracuse, NY (528A7) VHA - Albany, NY (528A8) VHA (VistA Instance)"	

		hc-vdif-r04-02.va.gov 7205
542	Coatesville, PA (542) VHA	hc-vdif-r04-01.va.gov 7206
561	"NEW JERSEY HCS (561) East Orange Campus (Parent) - NEW JERSEY HEALTH CARE SYSTEM - LYONS CAMPUS (561A4)"	hc-vdif-r04-02.va.gov 7206
562	Erie, PA (562) VHA	hc-vdif-r04-01.va.gov 7207
608	Manchester, NH (608) VHA	hc-vdif-r04-02.va.gov 7207
620	"Hudson Valley HCS (620) VHA (Parent) - VA HUDSON VALLEY HEALTH CARE - CASTLE POINT DIVISION (620A4)"	hc-vdif-r04-02.va.gov 7208
595	Lebanon, PA (595) VHA	hc-vdif-r04-01.va.gov 7208
613	Martinsburg, WV (613) VHA	hc-vdif-r04-01.va.gov 7209
630	"New York (Harbor) HCS (630) VHA (Manhattan) - VA NEW YORK HARBOR HEALTHCARE SYSTEM - BROOKLYN DIVISION (630A4)"	hc-vdif-r04-02.va.gov 7209
631	Northampton (MA) VHA (631) VHA	hc-vdif-r04-02.va.gov 7210
642	Philadelphia, PA (642) VHA	hc-vdif-r04-01.va.gov 7210
632	Northport, NY (632) VHA	hc-vdif-r04-02.va.gov 7211
646	"Pittsburgh HCS (646) VHA (Parent) - H. JOHN HEINZ III VAMC (646A4)"	hc-vdif-r04-01.va.gov 7211
650	Providence, RI (650) VHA	hc-vdif-r04-02.va.gov 7212
688	Washington, DC (688) VHA	hc-vdif-r04-01.va.gov 7212
689	"Connecticut HCS (689) VHA (Parent) - NEWINGTON VAMC (689A4)"	hc-vdif-r04-02.va.gov 7213
693	Wilkes-Barre, PA (693) VHA	hc-vdif-r04-01.va.gov 7213
741	Denver, CO (741) HEALTH ADMINISTRATION CENTER	hc-vdif-r01-02.va.gov 7216

4.9 VERIFY Connectivity Post Configuration

Once you have configured the IBARXCVDVDF Logical Link you will need to test it to ensure connectivity to VDIF.

*Note: Be aware this will only function in production. As test systems are not connected to VDIF unless specifically configured to do so.

In VistA use the HL7 Main Menu, Filer and Link Management Options, Ping, HLO options.

Follow the directions below to ensure the Logical Link connects to VDIF.

HL MAIN MENU HL7 Main Menu

- Event monitoring menu ...
- Systems Link Monitor
- Filer and Link Management Options ...
- Message Management Options ...
- Interface Developer Options ...
- Site Parameter Edit

Select HL7 Main Menu <TEST ACCOUNT> Option:

Filer and Link Management Options

- SM Systems Link Monitor
- FL Monitor, Start, Stop Filers
- LM TCP Link Manager Start/Stop
- SA Stop All Messaging Background Processes
- RA Restart/Start All Links and Filers
- DF Default Filers Startup
- SL Start/Stop Links
- PI Ping (TCP Only)
- ED Link Edit
- ER Link Errors ...

Select Filer and Link Management Options Option: PI Ping (TCP Only)

What HL Logical Link do you want to test?

Select a TCP link:IBARXCVDF

Do you want to PING the port used by HLO or the one used by HL7 1.6?

Select one of the following:

- 1 HLO --> Port #XXXX <<< This should be the Configured Port #
- 2 HL7 1.6 --> Port #XXXX

Enter response: 1// HLO --> Port #XXXX

Trying to connect...

Connected!

Sending PING ...

PING sent!

Reading acknowledgment....

Acknowledgment received! <<<< Successful Connection

*Note: If you do not get a successful connection please recheck your values in the Logical Link. If you verify your values and still do not get a successful connection in Production, please log a help desk ticket.

4.10 System Configuration

4.11 System Configuration

The VistA Patch IB*2.0*676 Pharmacy Copay initiative artifacts are built and deployed on existing System Configuration. No new system configurations have been identified.

4.12 Database Tuning

There is no database tuning required for the VistA Patch IB*2.0*676 Pharmacy Copay initiative.

5 Back-Out Procedure

The decision to back out VistA Patch IB*2.0*676 patch will be a joint decision between VA Site/Region personnel and other appropriate VA personnel.

5.1 Back-Out Strategy

Prior to installing the updated KIDS package, the site/region should have saved a backup of the routines in a mail message using the Backup a Transport Global [XPD BACKUP] menu option.

The message containing the backed up routines can be loaded with the "Xtract PackMan" function at the Message Action prompt.

5.2 Back-Out Considerations

The back-out VistA patch IB*2.0*676 should restore the system to its original functional state.

5.2.1 Load Testing

Load testing is not required during this upgrade. VistA sites continuously monitors the Integrated Billing package for performance statistics.

5.2.2 User Acceptance Testing

User Acceptance Testing of modules that depend directly on VistA Integrated Billing' will be orchestrated by VA deployment team.

5.3 Back-Out Criteria

The criteria to back-out VistA patch IB*2.0*676 can include

1. A technical issue limiting VistA Integrated Billing package functionality
2. Discovery of any critical issues during functional validation. Back-out will be in accordance with VA VIP procedures.

5.4 Back-Out Risks

There are no known risks with back-out of IB*2.0*676.

5.5 Authority for Back-Out

VA OEHRM is the final approver for back-out of any production migrations. Cerner team will communicate with other individuals identified in the roles in Table 2.

5.6 Back-Out Procedure

The PackMan function INSTALL/CHECK MESSAGE is then used to install the backed up routines onto the VistA system.

5.7 Back-out Verification Procedure

The back-out removes the following entries in the HLO APPLICATION REGISTRY file (#779.2):

IBARXC-QRY

IBARXC-QRYRESP

IBARXC-RECV

IBARXC-RESP

IBARXC-SEND

IBARXC-QRY

IBARXC-QRYRESP

6 Roll Back Procedure

A back-out of the IB*2.0*676 patch restores the system to its original state with no additional roll back procedures required.

6.1 Roll Back Considerations

A back-out of the IB*2.0*676 patch restores the system to its original state with no additional roll back considerations required.

6.2 Roll Back Criteria

There are no known constraints to back-out IB*2.0*676 and roll back to the original known state.

6.3 Roll Back Risks

A back-out of IB*2.0*676 will result in a roll back to the last known working state with no known risks.

6.4 Authority for Roll Back

VA OEHRM is the final approver for roll back of production migrations.

6.5 Roll Back Procedure

The roll back involves the back-out of IB*2.0*676.

6.6 Roll back Verification Procedure

The roll back verification procedure is the same as IB*2.0*676 back-out verification procedure.